

LD 11444

IMPROVED CERAMIC ARC TUBE BY ANNEALING

ABSTRACT OF THE DISCLOSURE

In an exemplary embodiment of the present invention, a process for making an arc tube is provided. The process for making an arc tube comprises the steps of sintering an arc tube composition to form the arc tube; annealing the arc tube in a vacuum; and sealing the arc tube with at least one electrode. Preferably, the arc tube annealed according to the present process is a ceramic arc tube. The annealing of the arc tubes in a vacuum preferably occurs at a temperature of between about 1000°C and 1500°C.